SUMMARY TEST DATA
ON
DTA-0R5G18G-60-CD-1

Customer: [redacted]
Job No:
Model No: DTA-0R5G18G-60-CD-1
Serial No: PL34174/2140

Tested By: K. Mansfield
Date: Thursday, September 30, 2021
Temperature: +25° C
Drawing No: 27617795 Rev: A3

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC
1	Frequency Range:	0.5 GHz – 18 GHz	0.5 GHz – 18 GHz	PMI QA 2
2	Insertion Loss:	4.5 dB Max.	4.1 dB See Plot	
3	VSWR:	2.0:1 Max.	1.8:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.46 dB See Plot	
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.54 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.86 dB See Plot	
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.04 dB See Plot	
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.08 dB See Plot	
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.5 dB See Plot	
11	Switching Speed:	1.0 us Max.	< 1.0 us See Typical Characteristics	
12	DC Supply:	+15VDC @ 155 mA	112 mA	PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.06	0.00	0.01
0.125	0.12	0.01	0.01
0.25	0.25	0.00	0.02
0.50	0.50	0.00	0.03
1.00	1.00	0.00	0.06
2.00	2.00	0.00	0.10
4.00	4.02	-0.02	0.18
8.00	8.03	-0.03	0.24
16.00	16.04	-0.08	0.36
32.00	32.08	-0.08	0.50
62.00	62.66	-0.66	2.42
63.94	64.03	-0.09	3.17

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.00	0.00	0.20
10.00	10.04	-0.04	0.27
15.00	14.97	0.03	0.35
20.00	20.04	-0.04	0.46
25.00	25.03	-0.03	0.50
30.00	30.07	-0.07	0.48
35.00	35.08	-0.08	0.54
40.00	40.07	-0.07	0.52
45.00	45.05	-0.05	0.57
50.00	50.05	-0.05	0.84
55.00	54.89	0.11	1.07
60.00	60.50	-0.50	1.86

QA/QC Approval: [signature] PMI QA 2 Date: 9/30/2021

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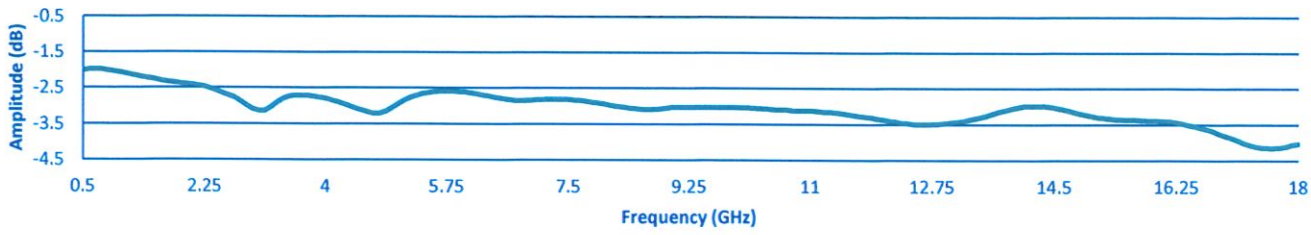
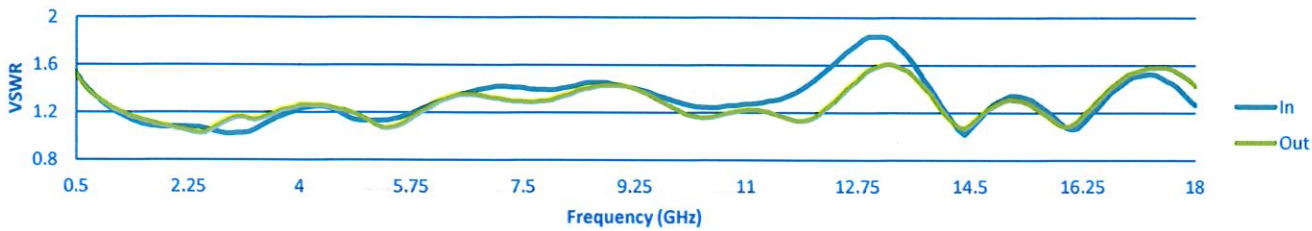
PL34174/2140

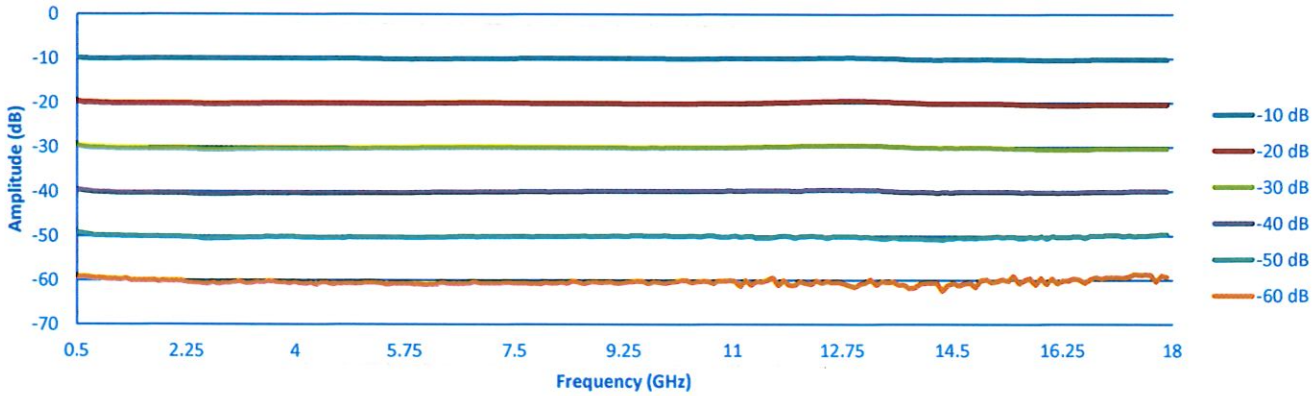
Insertion Loss



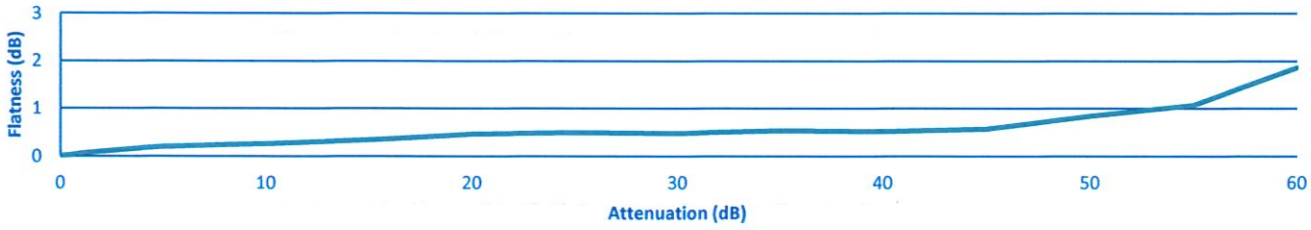
VSWR



Attenuation vs. Frequency



Flatness



Accuracy